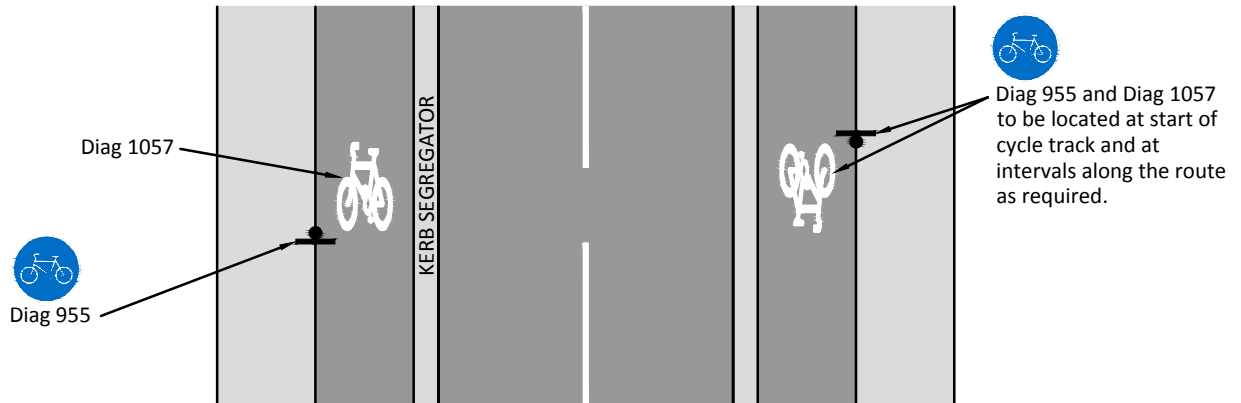
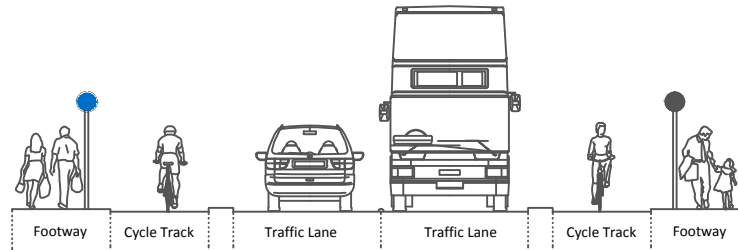


APPENDIX A - LAYOUT DRAWINGS



Target	>2.0m	>2.0m	0.5m <sup>(5)</sup>	3.5m	3.5m	0.5m <sup>(5)</sup>	2.5m	>2.0m
Absolute Minimum	1.8m <sup>(2)</sup>	1.5m <sup>(3)</sup>	0.5m <sup>(5)</sup>	3.0m <sup>(4)</sup>	3.0m <sup>(4)</sup>	0.5m <sup>(5)</sup>	1.5m <sup>(3)</sup>	1.8m <sup>(2)</sup>

(1) Effective width subject to pedestrian flow.

(2) Localised narrowing of footway due to street furniture permitted.

(3) Absolute minimum cycle track width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.

(4) Absolute minimum traffic lane 3.25 bus or HGV route. 3.0m within 30mph

(5) Desirable and absolute minimum to be 0.5m.

#### Advantages:

- High profile facility exclusively for cycles
- Provides positive physical segregation from motorised traffic and pedestrians

#### Disadvantages:

- Has to revert to cycle lanes through junctions
- Sometimes complex solutions for bus stops and adjacent on-street parking or loading areas
- Requires wide highway
- High construction costs due to drainage issues

#### Key Criteria:

- Physical segregation between cyclists and both motorised vehicles and pedestrians.
- 24-hour operation
- No loading and no parking
- Street furniture including lighting columns and signs and supporting structures to be located outside of cycle track
- Consistent quality is essential, no changes in track widths, no "gaps"
- No coloured surfacing
- Smooth, flat, well-drained and well-maintained surface
- Not suitable where frequent side roads / driveway accesses intersect cycle track
- Gullies preferably located in kerb (or a continuous drainage system) and not in cycle track. Additional gullies may be needed to provide adequate carriageway drainage.

#### Typical Costs:

Work Zone Length	1000m
Lower Cost Estimate	£420,000
Upper Cost Estimate	£1,300,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

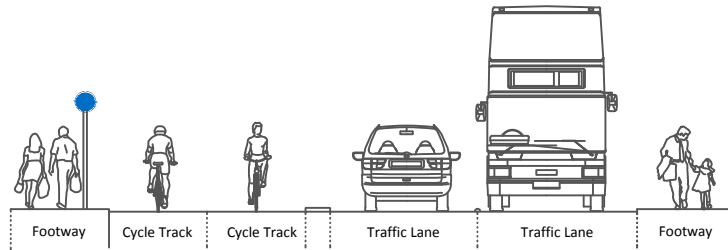
Drawing No:

**L-CT-GE-01**

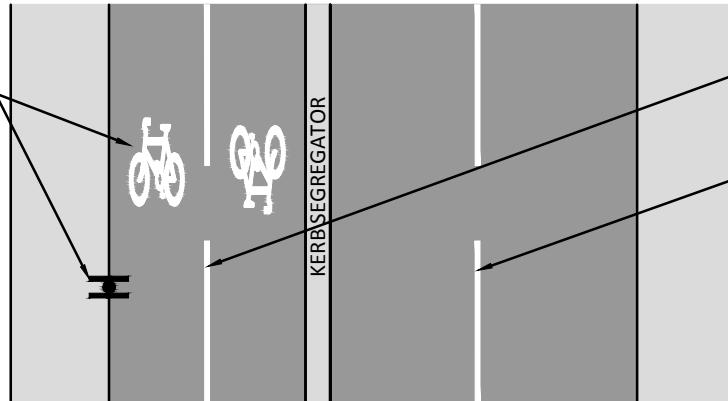
Rev:

Lead Section:

**LINKS**



Diag 955 mounted back to back and Diag 1057 to be located at start of cycle track and at intervals along the route as required. Mount on other street furniture (E.g lighting column) where possible to reduce clutter.



Diag 1004 (to be omitted if cycle track < 3.0m)  
Diag 1004

Target	>2.0m	4.0m	> 0.5m <sup>(5)</sup>	3.5m	3.5m	>2.0m
Absolute Minimum	1.8m <sup>(2)</sup>	2.5m <sup>(3)</sup>	> 0.5m <sup>(5)</sup>	3.0m <sup>(4)</sup>	3.0m <sup>(4)</sup>	1.8m <sup>(2)</sup>

- (1) Effective width subject to pedestrian flow.
- (2) Localised narrowing of footway due to street furniture permitted.
- (3) Absolute minimum cycle track width for low cycle demand (<100/day), only permitted over distances < 100m, not on gradients > 7%.
- (4) Absolute minimum traffic lane 3.25 if bus route, HGV levels > 8% or speed limit > 30mph. 3.0m in 30mph areas.
- (5) Desirable and absolute minimum to be 0.5m.

**Advantages:**

- High profile facility exclusively for cycles
- Provides positive physical segregation from motorised traffic and pedestrians

**Disadvantages:**

- Has to revert to cycle lanes through junctions
- Sometimes complex solutions for bus stops and adjacent on-street parking or loading areas
- Requires wide highway
- High construction costs due to drainage issues

**Key Criteria:**

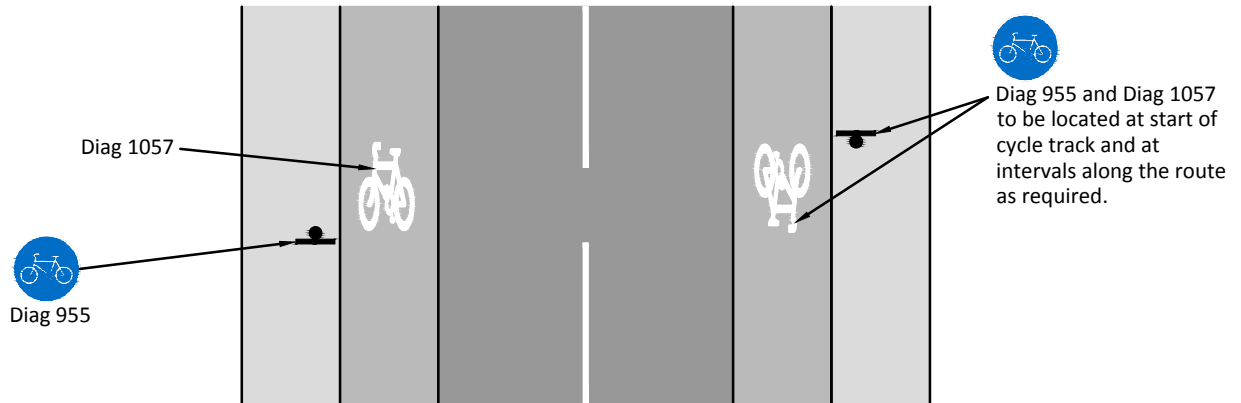
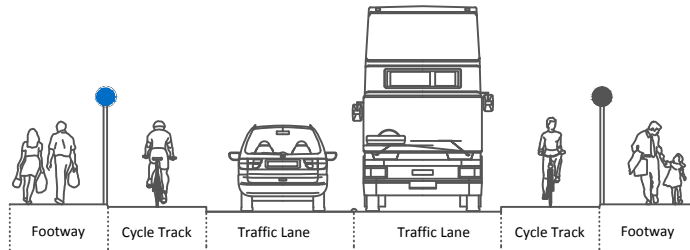
- Physical segregation between cyclists and both motorised vehicles and pedestrians.
- 24-hour operation
- No loading and no parking
- Street furniture including lighting columns and signs and supporting structures to be located outside of cycle track
- Consistent quality is essential, no changes in track widths, no "gaps"
- No coloured surfacing
- Smooth, flat, well-drained and well-maintained surface
- Not suitable where frequent side roads / driveway accesses intersect cycle track
- Gullies preferably located in kerb (or a continuous drainage system) and not in cycle track. Additional gullies may be needed to provide adequate carriageway drainage.

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£300,000
Upper Cost Estimate	£1,200,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Drawing No:	L-CT-GE-02	Rev:
Lead Section:	LINKS	



Target	>2.0m	2.5m	3.5m	3.5m	2.5m	>2.0m
Absolute Minimum	1.8m <sup>(2)</sup>	1.5m <sup>(3)</sup>	3.0m <sup>(4)</sup>	3.0m <sup>(4)</sup>	1.5m <sup>(3)</sup>	1.8m <sup>(2)</sup>

(1) Effective width subject to pedestrian flow.

(2) Localised narrowing of footway due to street furniture permitted.

(3) Absolute minimum cycle track width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.

(4) Absolute minimum traffic lane 3.25m if bus route, HGV levels > 8% or speed limit > 30. 3.0m where no buses and few HGVs.

**Advantages:**

- High profile facility exclusively for cycles
- Provides positive physical segregation from motorised traffic and pedestrians

**Disadvantages:**

- Has to revert to cycle lanes through junctions
- Sometimes complex solutions for bus stops and adjacent on-street parking or loading areas
- Requires wide highway
- High construction costs
- No buffer zone between traffic and cycles

**Key Criteria:**

- Physical segregation (level difference) between cyclists and both motorised vehicles and pedestrians.
- 24-hour operation
- No loading and no parking
- Street furniture including lighting columns and signs and supporting structures to be located outside of cycle track
- Consistent quality is essential, no changes in track widths, no "gaps"
- No coloured surfacing
- Smooth, flat, well-drained and well-maintained surface
- Less appropriate where frequent side roads / driveway accesses intersect cycle track

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£500,000
Upper Cost Estimate	£1,900,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

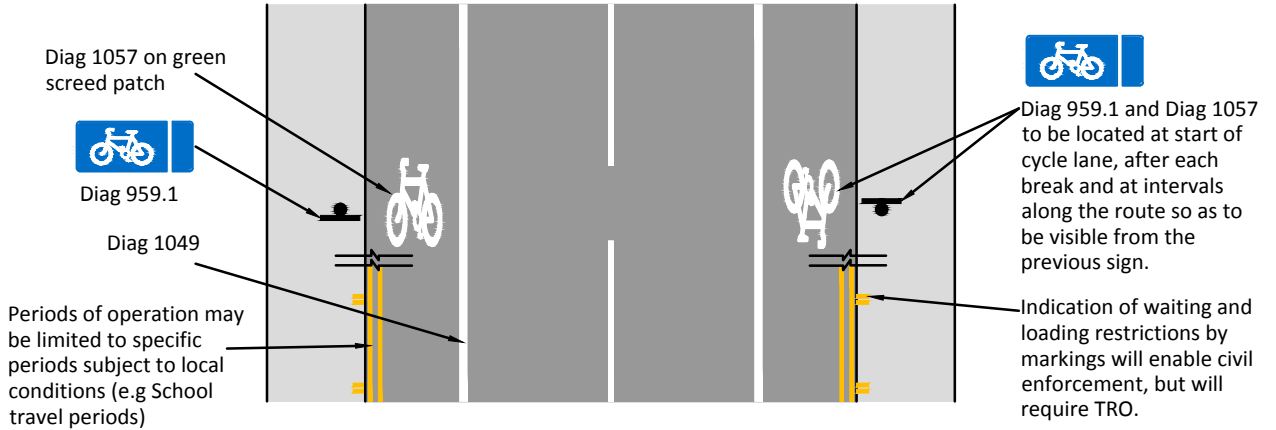
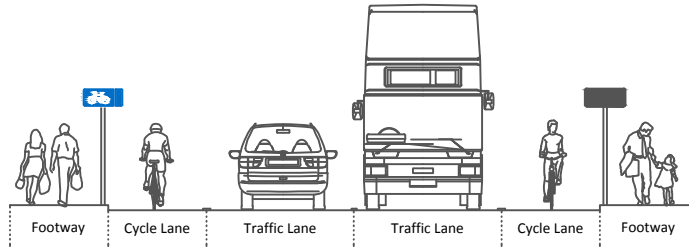
Drawing No:

**L-CT-HT-01**

Rev:

Lead Section:

**LINKS**



Target	>2.0m	2.0m	3.5m	3.5m	2.0m	>2.0m
Absolute Minimum	1.8m <sup>(1)</sup>	1.3m <sup>(2)</sup>	3.0m <sup>(3)</sup>	3.0m <sup>(3)</sup>	1.2m <sup>(2)</sup>	1.8m <sup>(1)</sup>

- (1) Localised narrowing of footway due to street furniture permitted - need to reflect pedestrian flows.
- (2) Absolute minimum cycle lane width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.
- (3) Absolute minimum traffic lane 3.25m if bus route, HGV levels > 8% or speed limit > 30mph. 3.0 where there are no buses and few HGVs

### Advantages:

- Exclusive use by cyclists during specified hours of operation
- Delineated by a solid line, less likely to be crossed by drivers than an advisory lane
- Drivers commit an offence if they enter the lane

### Disadvantages:

- Requires a TRO which can be a lengthy process and subject to objections
- Has to revert to advisory where vehicles can legitimately cross (e.g. junctions, adjacent to parking or loading bays, where traffic lanes are narrow)
- High level of statutory signing requirements

### Key Criteria:

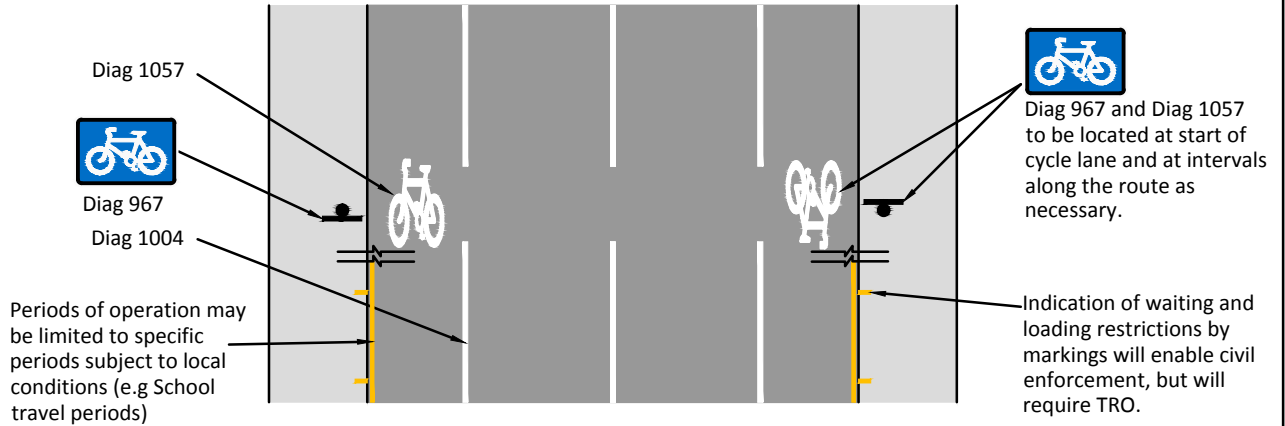
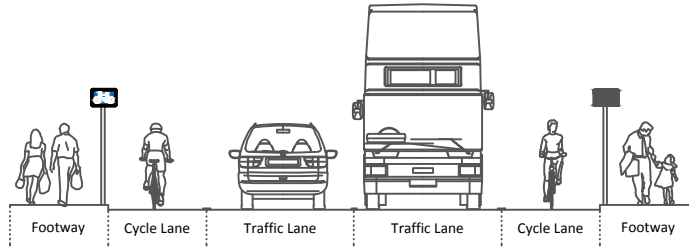
- Consistent quality is essential, no changes in lane widths, no "gaps".
- Sufficient road width must be available to cater for other road users outside the cycle lane.
- Parking and loading not permitted in cycle lane and must be provided elsewhere if required. Mandatory cycle lane has to change to advisory cycle lane through junctions, at bus stops, and at parking and loading areas.
- Smooth, flat, well-drained and well-maintained surface.
- Gullies preferably located in kerb (or a continuous drainage system) and not in cycle lane.
- 24-hour operation.

### Typical Costs:

Work Zone Length	1000m
Lower Cost Estimate	£70,000
Upper Cost Estimate	£265,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Drawing No:	L-CL-GE-01	Rev:
Lead Section:	LINKS	



Target	>2.0m	2.0m	3.5m	3.5m	2.0m	>2.0m
Absolute Minimum	1.8m <sup>(1)</sup>	1.2m <sup>(2)</sup>	3.0m <sup>(3)</sup>	3.0m <sup>(3)</sup>	1.2m <sup>(2)</sup>	1.8m <sup>(1)</sup>

- (1) Localised narrowing of footway due to street furniture permitted - need to reflect pedestrian flows.
- (2) Absolute minimum cycle lane width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.
- (3) Absolute minimum traffic lane 3.25m if bus route, HGV levels > 8% or speed limit > 30mph. 3.0m where there are no buses and few HGVs

**Advantages:**

- No TRO required for cycle lane
- Quick to introduce
- Low level of signing
- Solution for use alongside adjacent parking and loading bays, bus stops and across junctions, or on sections of road with narrow traffic lanes

**Disadvantages:**

- Indicative only - no statutory backing
- Largely ignored by other road users
- TRO may be required to keep lane clear of parked and loading vehicles at specific times

**Key Criteria:**

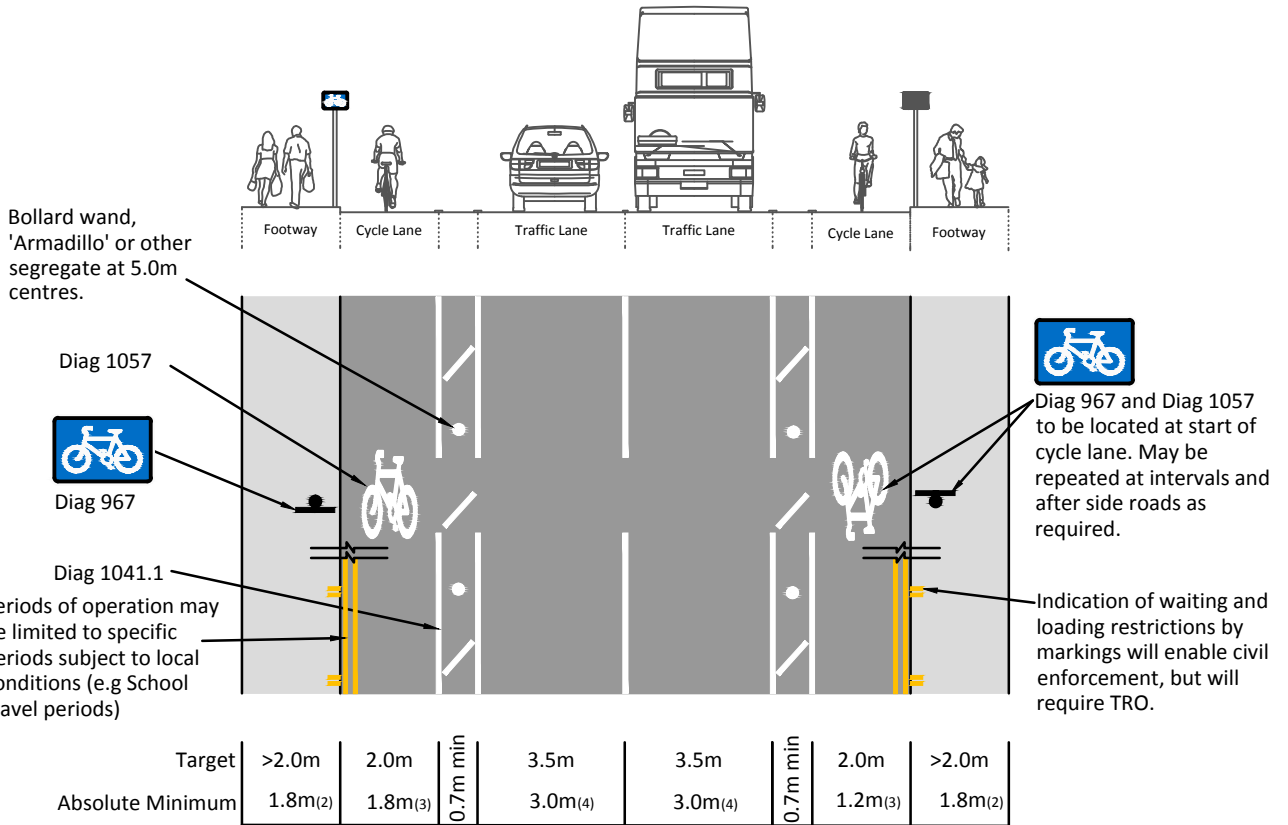
- Consistent quality is essential, no changes in lane widths, no "gaps".
- Sufficient road width must be available to cater for other road users outside the cycle lane.
- Advisory cycle lanes should be used where there are demands for waiting or loading that cannot be mitigated by design. A Traffic Regulation Order will be required to impose waiting and loading restrictions appropriate to the level of prohibition required.
- Smooth, flat, well-drained and well-maintained surface.
- Gullies preferably located in kerb (or a continuous drainage system) and not in cycle lane.

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£70,000
Upper Cost Estimate	£265,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Drawing No:	L-CL-GE-02	Rev:
Lead Section:	LINKS	



- (1) Effective width subject to pedestrian flow.
- (2) Localised narrowing of footway due to street furniture permitted.
- (3) Absolute minimum cycle track width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.
- (4) Absolute minimum traffic lane 3.25 if bus route, HGV levels > 8% or speed limit > 30mph. 3.0m there are no busses and limited HGV traffic

**Advantages:**

- No TRO required
- Quick to introduce
- Low level of signing
- Solution for use alongside adjacent parking and loading bays, bus stops and across junctions, or on sections of road with narrow traffic lanes

**Disadvantages:**

- Requires wide kerb to kerb width.
- May require a TRO to keep lane clear of parked and loading vehicles at specific times

**Key Criteria:**

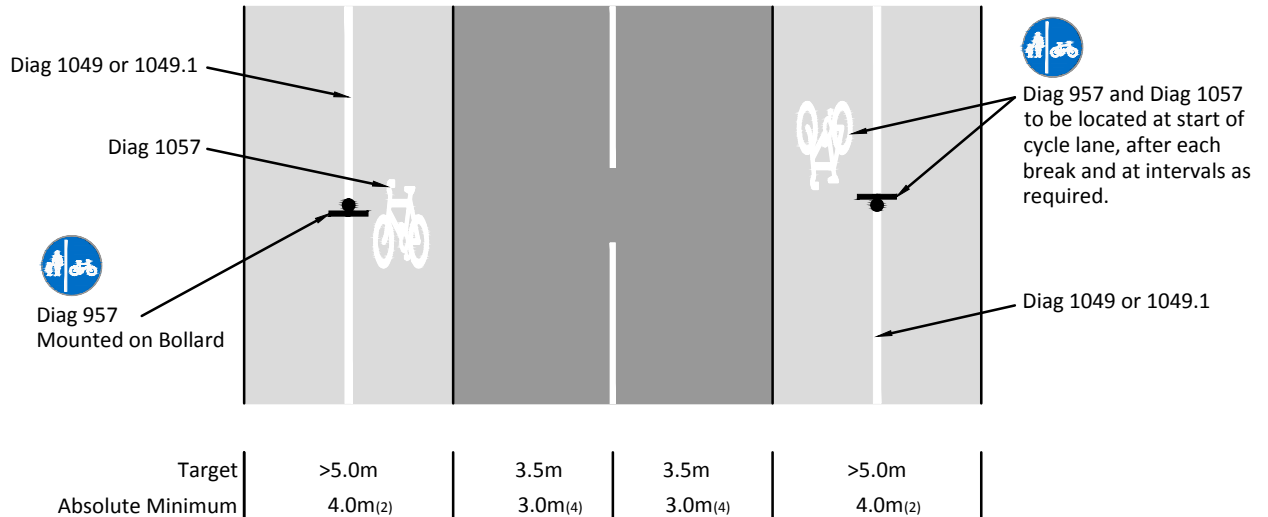
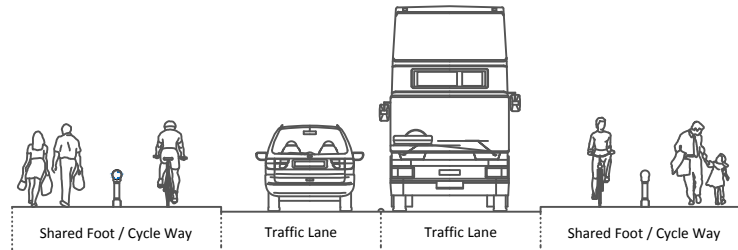
- Consistent quality is essential, no changes in lane widths, no "gaps".
- Sufficient road width must be available to cater for other road users outside the cycle lane.
- Parking and loading not permitted in cycle lane and must be provided elsewhere if required. Mandatory cycle lane may change to advisory cycle lane through junctions, at bus stops, and at parking and loading areas.
- Gullies preferably located in kerb (or a continuous drainage system) and not in cycle lane.
- Maybe Advisory (as shown) or mandatory by use of continuous bounding line on cycle lane side of Diag 1041.1 marking.

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£160,000
Upper Cost Estimate	£1,000,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Drawing No:	L-CL-GE-03	Rev:
Lead Section:	LINKS	



(1) Effective width.

(2) Localised narrowing of footway due to street furniture permitted.

(3) Absolute minimum cycle/ped width only permitted for low cycle demand (<100/day) over distances < 100m, not on gradients > 7%.

(4) Absolute minimum traffic lane 3.25m if bus route, HGV levels > 8% or speed limit > 30mph

#### Advantages:

- High profile facility exclusively for cycles
- Provides positive physical segregation from motorised traffic and pedestrians

#### Disadvantages:

- Segregation may not be observed, leading to conflict.
- Sometimes complex solutions for bus stops and adjacent on-street parking or loading areas.
- Requires wide highway.
- High construction costs.
- Side road crossing can be a problem.
- Likely to be used as two-way by cyclists.

#### Key Criteria:

- Physical segregation between cyclists and both motorised vehicles and pedestrians.
- 24-hour operation
- Street furniture including lighting columns and signs and supporting structures to be located outside of cycle track
- Consistent quality is essential, no changes in track widths, no "gaps"
- No coloured surfacing
- Smooth, flat, well-drained and well-maintained surface
- Not suitable where frequent side roads / driveway accesses intersect cycle track

#### Typical Costs:

Work Zone Length	1000m
Lower Cost Estimate	£190,000
Upper Cost Estimate	£1,200,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Drawing No:

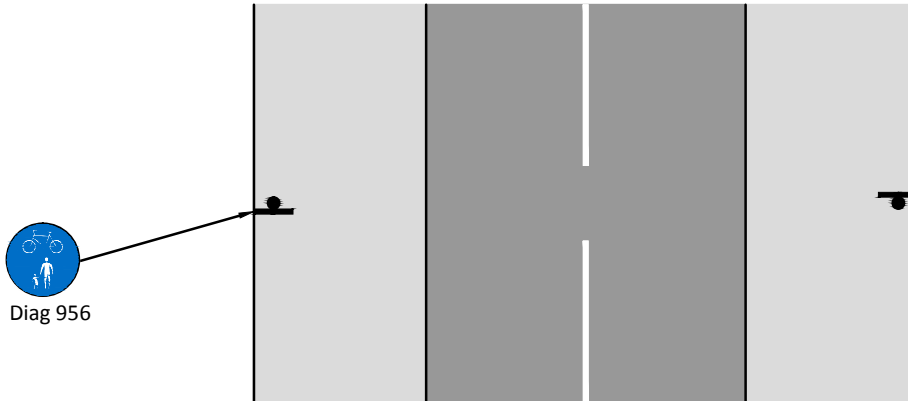
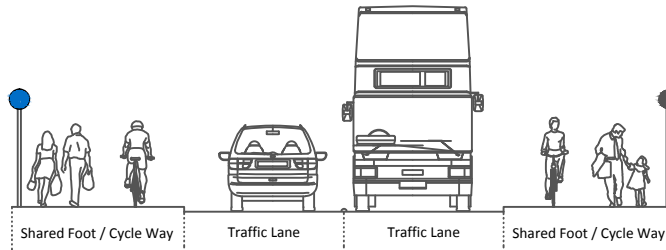
**L-SF-GE-01**

Rev:

Lead Section:

**LINKS**





Diag 956 to be located at start of cycle lane, after each break and at intervals along the route so as to be visible from the previous sign.



Diag 956

Target	>3.0m	3.5m	3.5m	>3.0m
Absolute Minimum	2.5m <sup>(2)(3)</sup>	3.0m <sup>(4)</sup>	3.0m <sup>(4)</sup>	2.5m <sup>(2)(3)</sup>

(1) Effective width.

(2) Localised narrowing of footway due to street furniture permitted.

(3) Absolute minimum cycle/ped width only permitted where few pedestrians use footway (<100/day) over distances < 100m, not on gradients > 7%.

(4) See Table 7, Chapter 2 for minimum general traffic lane widths.

#### Advantages:

- Provides some protection on link sections

#### Disadvantages:

- Ped/Cycle conflict
- Sometimes complex solutions for bus stops and adjacent on-street parking or loading areas
- Requires wide highway
- High construction costs
- Problematic at side roads
- Usually used as 2-way by cyclists

#### Key Criteria:

- Physical segregation between cyclists and both motorised vehicles and pedestrians.
- 24-hour operation
- Street furniture including lighting columns and signs and supporting structures to be located outside of cycle track
- Consistent quality is essential, no changes in track widths, no "gaps"
- No coloured surfacing
- Smooth, flat, well-drained and well-maintained surface
- Not suitable where frequent side roads / driveway accesses intersect cycle track

#### Typical Costs:

Work Zone Length	1000m
Lower Cost Estimate	£105,000
Upper Cost Estimate	£690,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

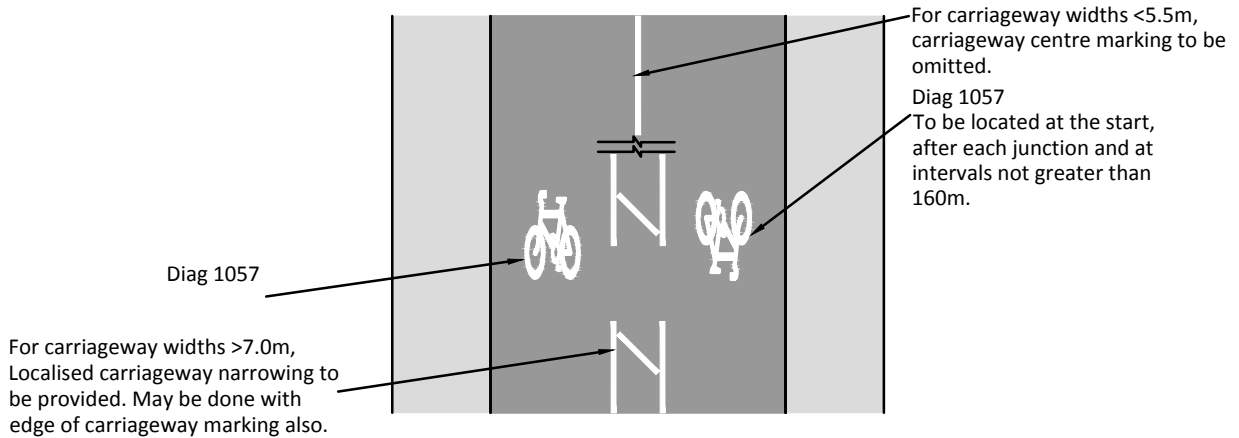
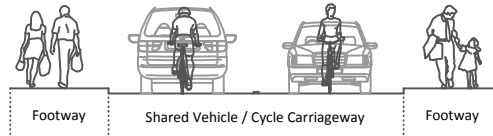
Drawing No:

L-SF-GE-02

Rev:

Lead Section:

LINKS



Target	>2.0m	7.0m max available carriageway	>2.0m
Desirable Minimum	2.0m <sup>(1)</sup>		2.0m <sup>(1)</sup>
Absolute Minimum	1.8m <sup>(2)</sup>		1.8m <sup>(2)</sup>

- (1) Effective width subject to pedestrian flow.  
 (2) Localised narrowing of footway due to street furniture permitted.  
 (3) Upright signs Diag 967 may be used if considered necessary.

**Advantages:**

- Solution for narrow streets where there is insufficient width for formal cycle priority
- Provides continuity of designated cycle routes in such situations

**Disadvantages:**

- Depends on cyclists establishing their position in the lane

**Key Criteria:**

- Appropriate for roads with carriageway width <7.0m, and subject to 20mph speed limit
- No segregation between cyclists and motorised vehicles - cyclists encouraged to occupy full lane, and traffic follows
- On carriageways less than 5.5m in width, centre line omitted
- Suitable for roads subject to low traffic volumes and little or no through traffic
- Careful detailing required when traffic calming present.
- 20mph speed limit or quiet 30mph road typically < 3000 VPD

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£100,000
Upper Cost Estimate	£680,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

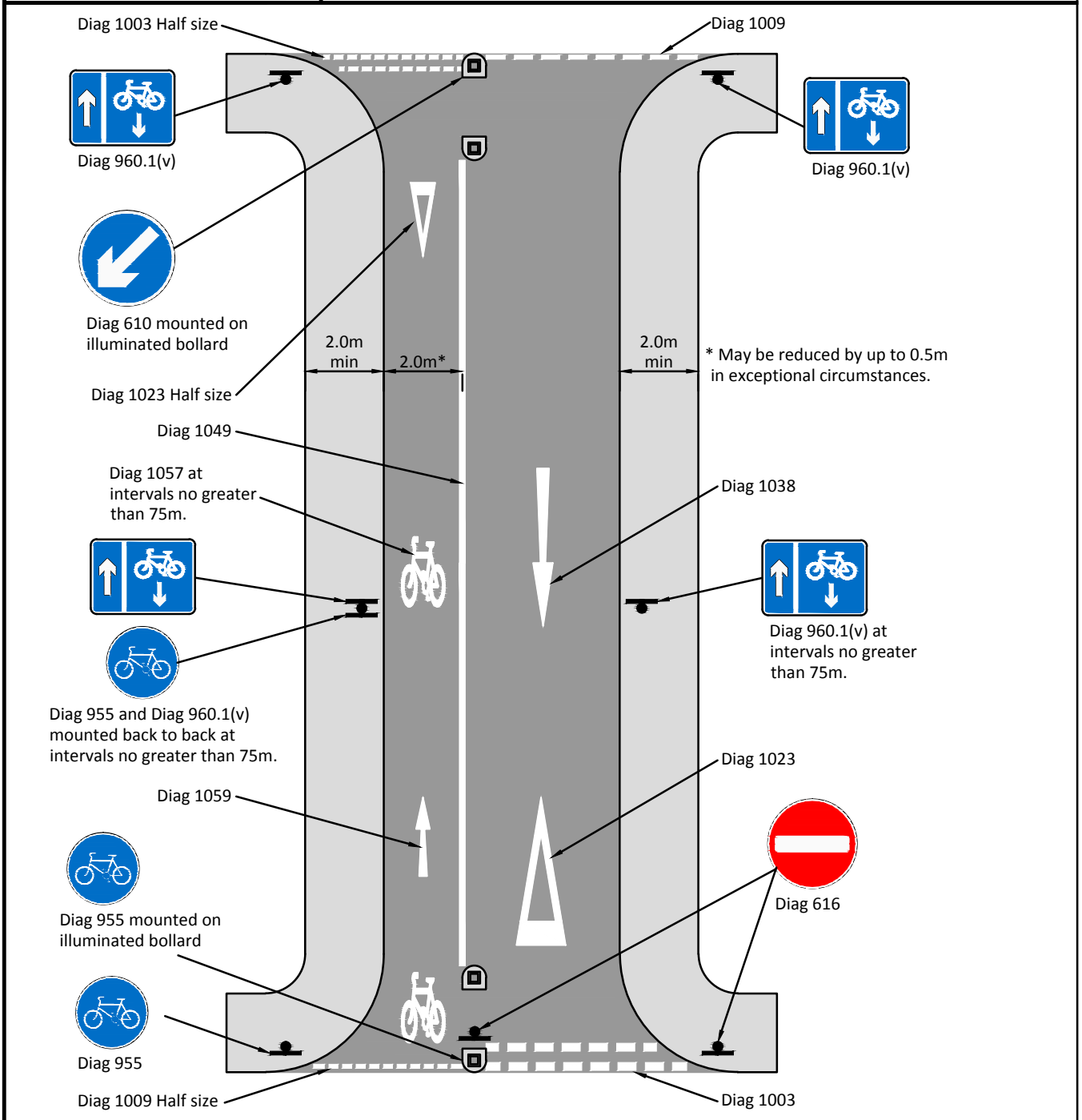
Drawing No:

**L-QS-GE-01**

Rev:

Lead Section:

**LINKS**



### Key Criteria:

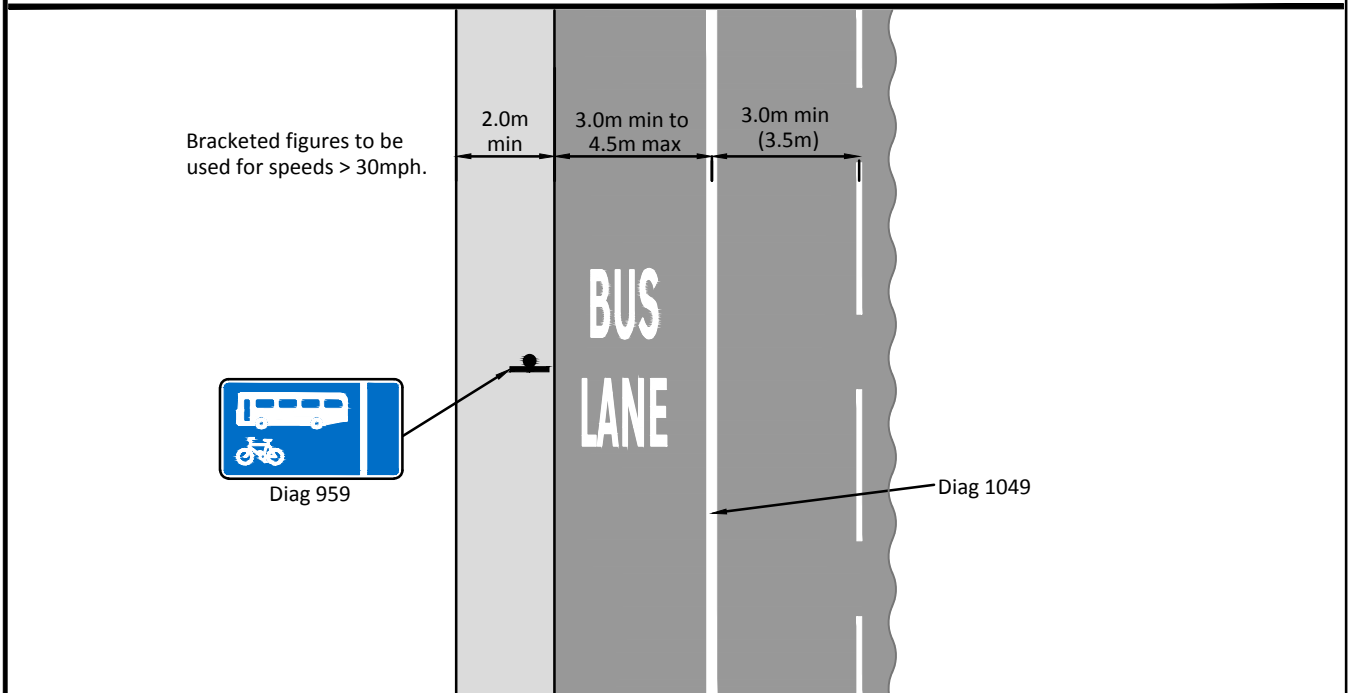
- Use on one-way streets
- May also incorporate with-flow cycle lane on opposite side.
- Can provide improved accessibility and continuity for cycle routes in one-way networks.

### Typical Costs:

Work Zone Length	1000m
Lower Cost Estimate	£80,000
Upper Cost Estimate	£100,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.

Drawing No:	L-CL-CF-01	Rev:
Lead Section:	LINKS	


**Key Criteria:**

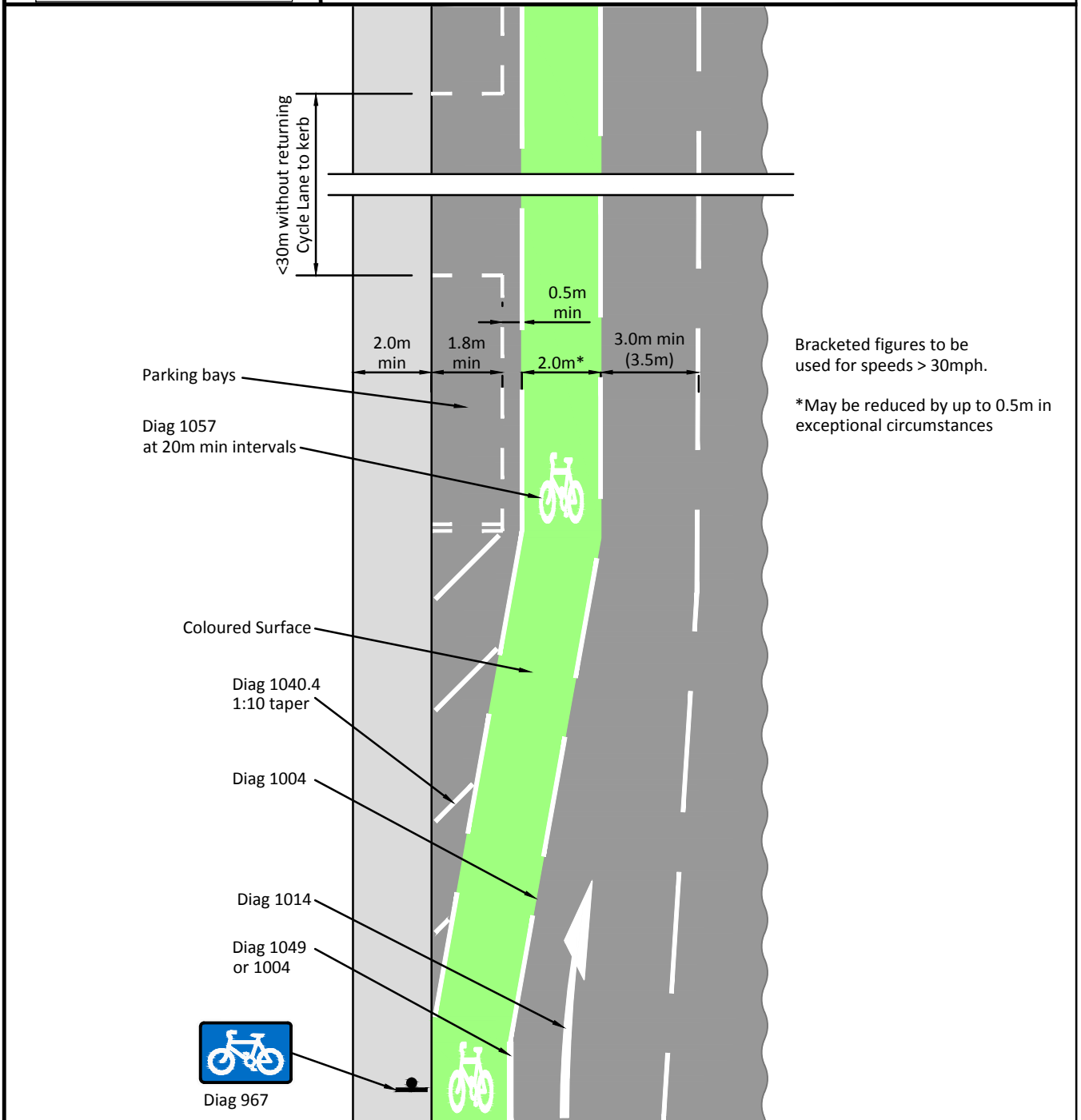
- At locations where a 4.5m Bus and Cycle Lane can be provided, a 1.5m advisory cycle lane should be marked adjacent to the kerb. This provides confidence for the cyclists using the lane, and a guide to bus drivers that sufficient clearance is available to overtake within the confines of the Bus Lane.
- At bus stops, the advisory cycle lane marking should be terminated at the bus cage, and re-started beyond. There will be sufficient width between the outer longitudinal edge of the bus cage marking and the outer bounding line of the Bus Lane to provide a passing lane for cyclists when the bus cage is occupied.
- If available road width constrains Bus Lane width, then the maximum width of the Bus Lane is 3.2m. This prevents users from misjudging clearances when overtaking. Cycles are still allowed to use the Bus Lane
- At bus stops, the advisory cycle lane marking should be terminated at the bus cage, and re-started beyond. As the gap between bus cage and bounding line is likely to be narrow (about 0.5m), consideration should be given to local widening of the Bus Lane through the bus stop to provide a 1.5m passing lane for cyclists.

**Typical Costs:**

Work Zone Length	1000m
Lower Cost Estimate	£200,000 / (£130,000)
Upper Cost Estimate	£1,200,000 / (£780,000)

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Bracketed figure are Bus Lane Only.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CL-BL-01	Rev:
Lead Section:	LINKS	



**Key Criteria:**

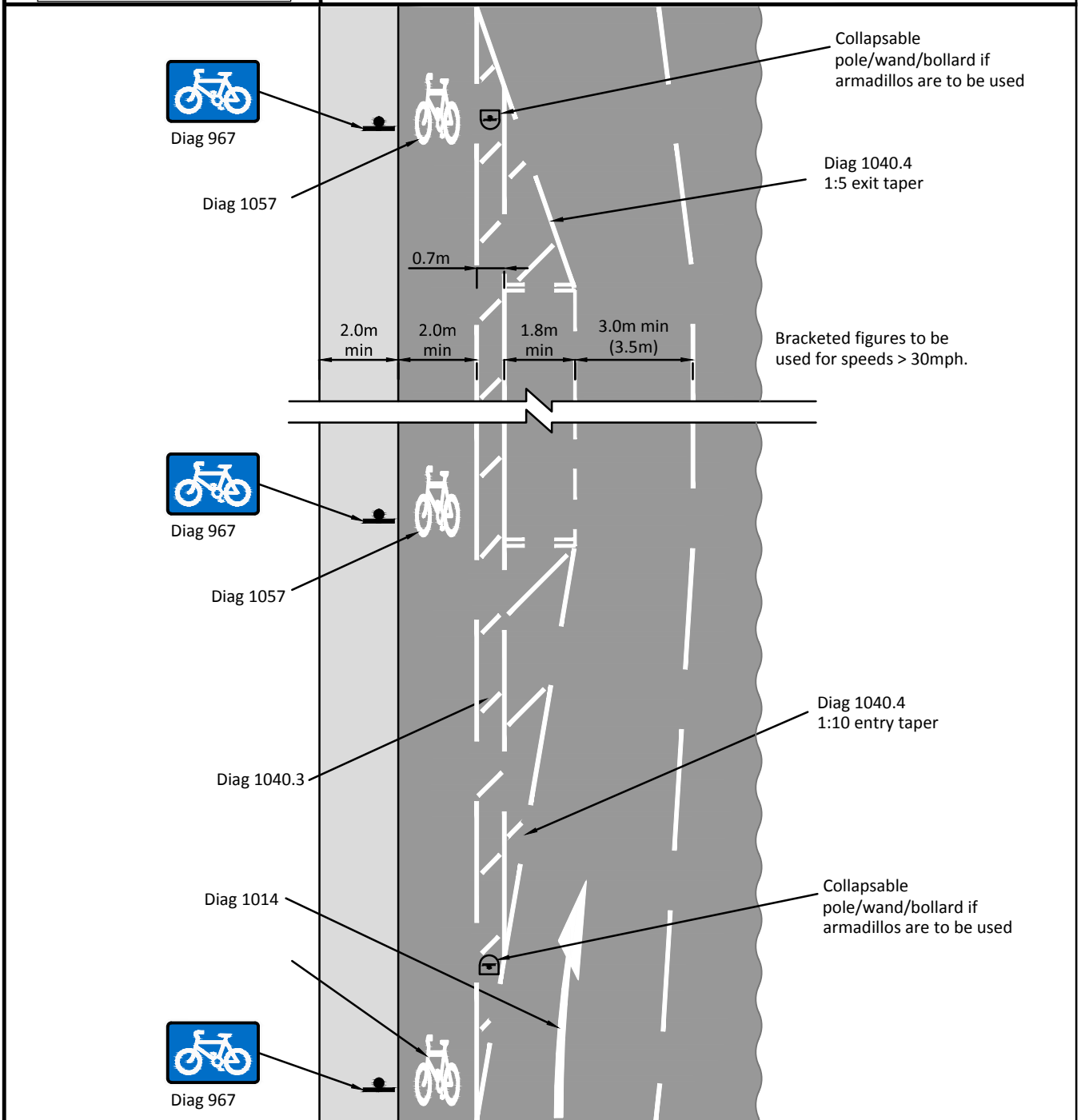
- Suitable where there is high kerbside activity
- Loading bays to be 2.0m minimum width

**Typical Costs:**

Work Zone Length	75m
Lower Cost Estimate	£15,000
Upper Cost Estimate	£80,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CL-PK-01	Rev:
Lead Section:	LINKS	



**Key Criteria:**

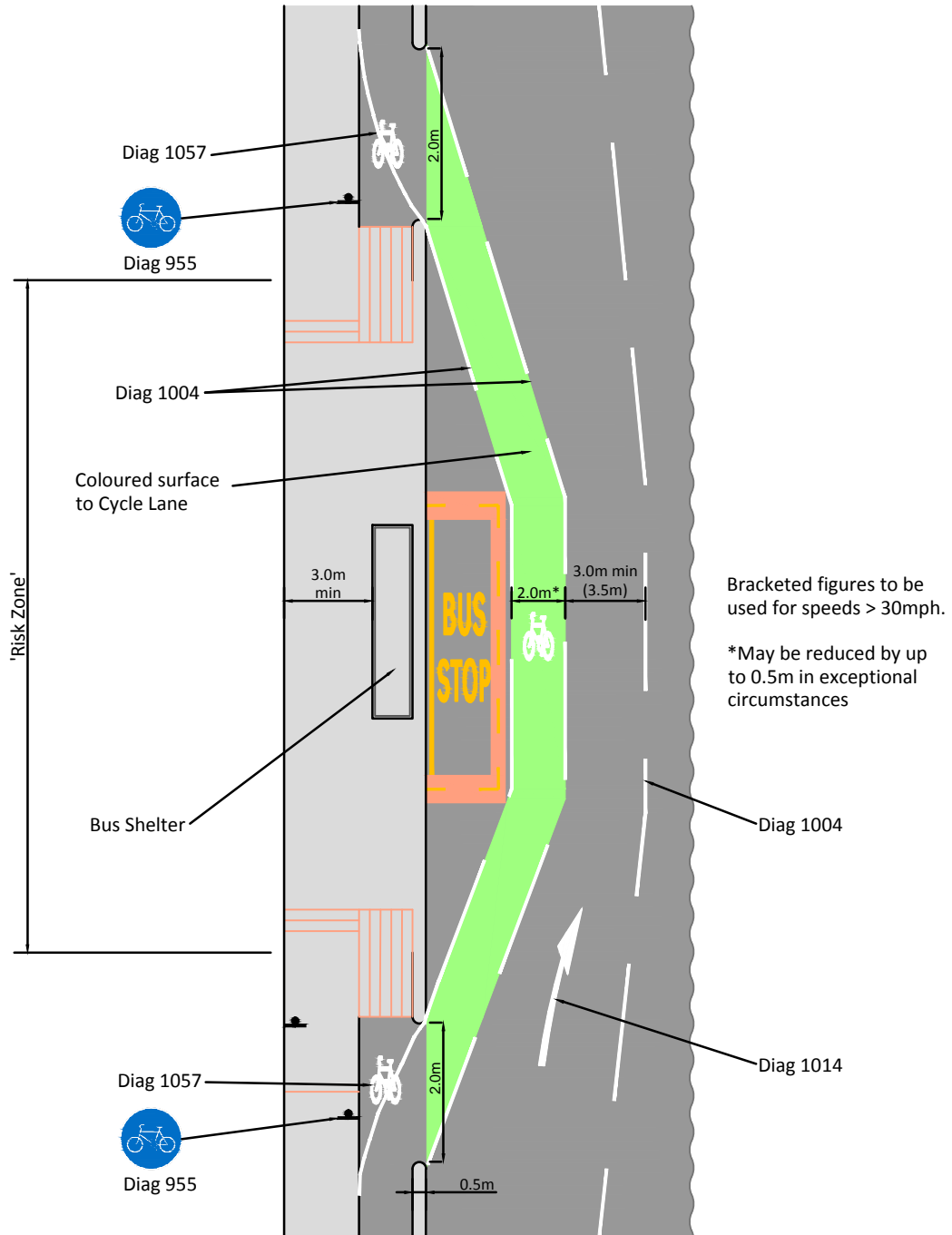
- Permeable barriers (e.g. 'armadillos') may be installed within the Diag 1004 hatched areas at 5.0m centres subject to DfT approval
- Suitable where there is low kerbside activity.

**Typical Costs:**

Work Zone Length	75m
Lower Cost Estimate	£15,000
Upper Cost Estimate	£105,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CL-PK-02	Rev:
Lead Section:	LINKS	


**Key Criteria:**

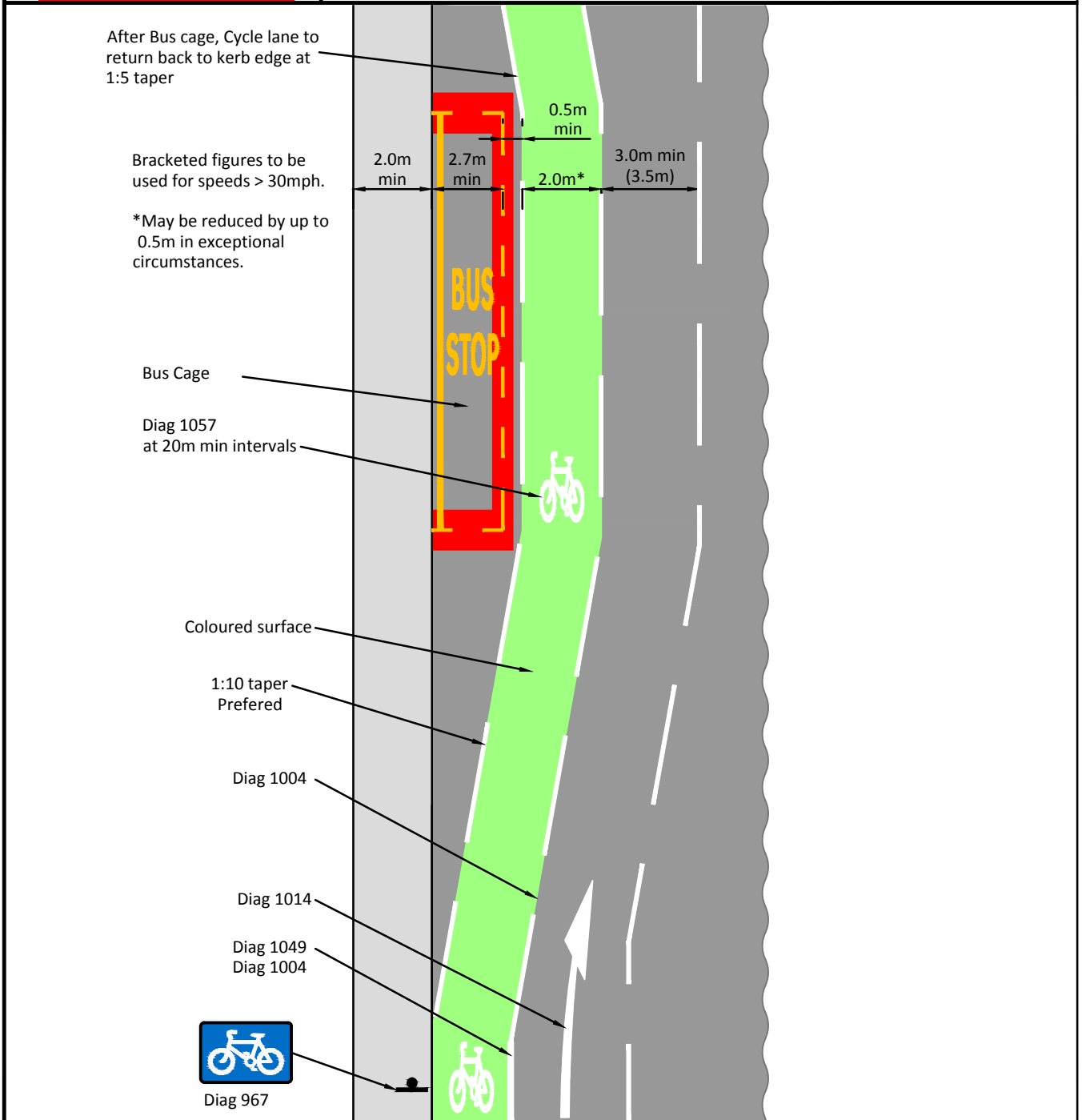
- Shared footway/cycleway behind bus shelter may be segregated or unsegregated according to levels of pedestrian and cycle use
- On-carriageway cycle lane may simply terminate at the bus cage and re-start beyond if the bus stop has a low frequency of occupancy (less than 30 buses per hour)
- Careful management of pedestrians / cycle conflict required within the 'Risk Zone'.

**Typical Costs:**

Work Zone Length	75m
Lower Cost Estimate	£40,000
Upper Cost Estimate	£155,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CT-BS-01	Rev:
Lead Section:	LINKS	



**Key Criteria:**

- Use where bus stop has high frequency of occupancy (30 buses per hour or more, or occupied for 30 mins per hour or more)

**Typical Costs:**

Work Zone Length	75m
Lower Cost Estimate	£20,000
Upper Cost Estimate	£120,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CL-BS-01	Rev:
Lead Section:	LINKS	



After Bus cage, edge of carriageway marking to return back to cycle lane edge at 1:5 taper

Bracketed figures to be used for speeds > 30mph.

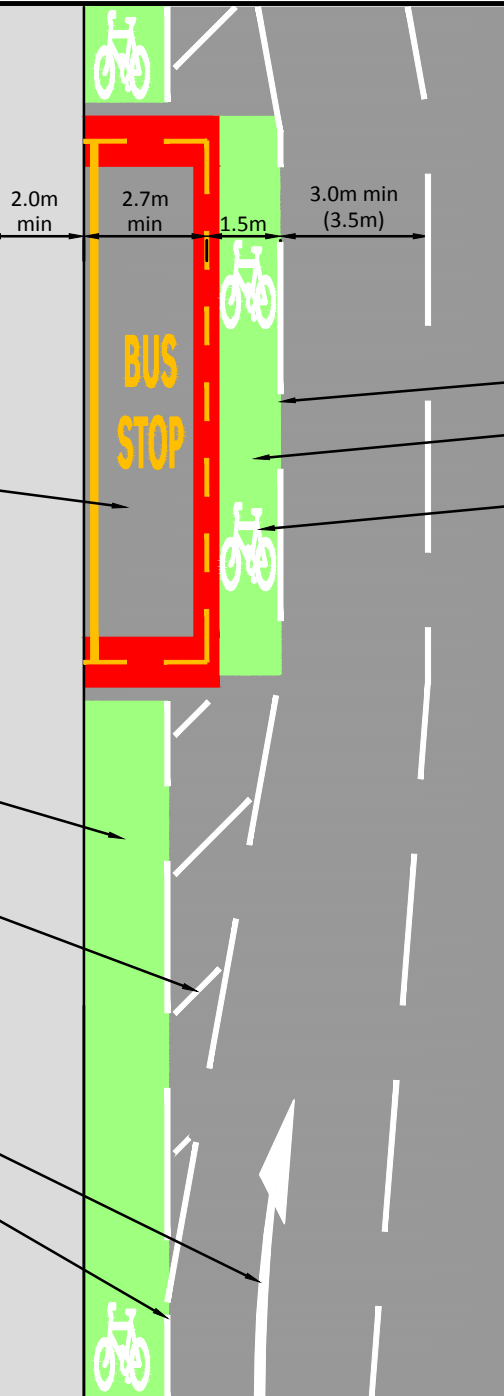
Bus Cage

Coloured surface

Diag 1040.4  
1:10 taper

Diag 1014

Diag 1049  
or 1004



Diag 1004

Coloured Surface

Diag 1057

### Key Criteria:

- Use where bus stop had low frequency of occupancy (less than 30 buses per hour, or occupied for less than 30 minutes per hour)

### Typical Costs:

Work Zone Length	75m
Lower Cost Estimate	£20,000
Upper Cost Estimate	£100,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

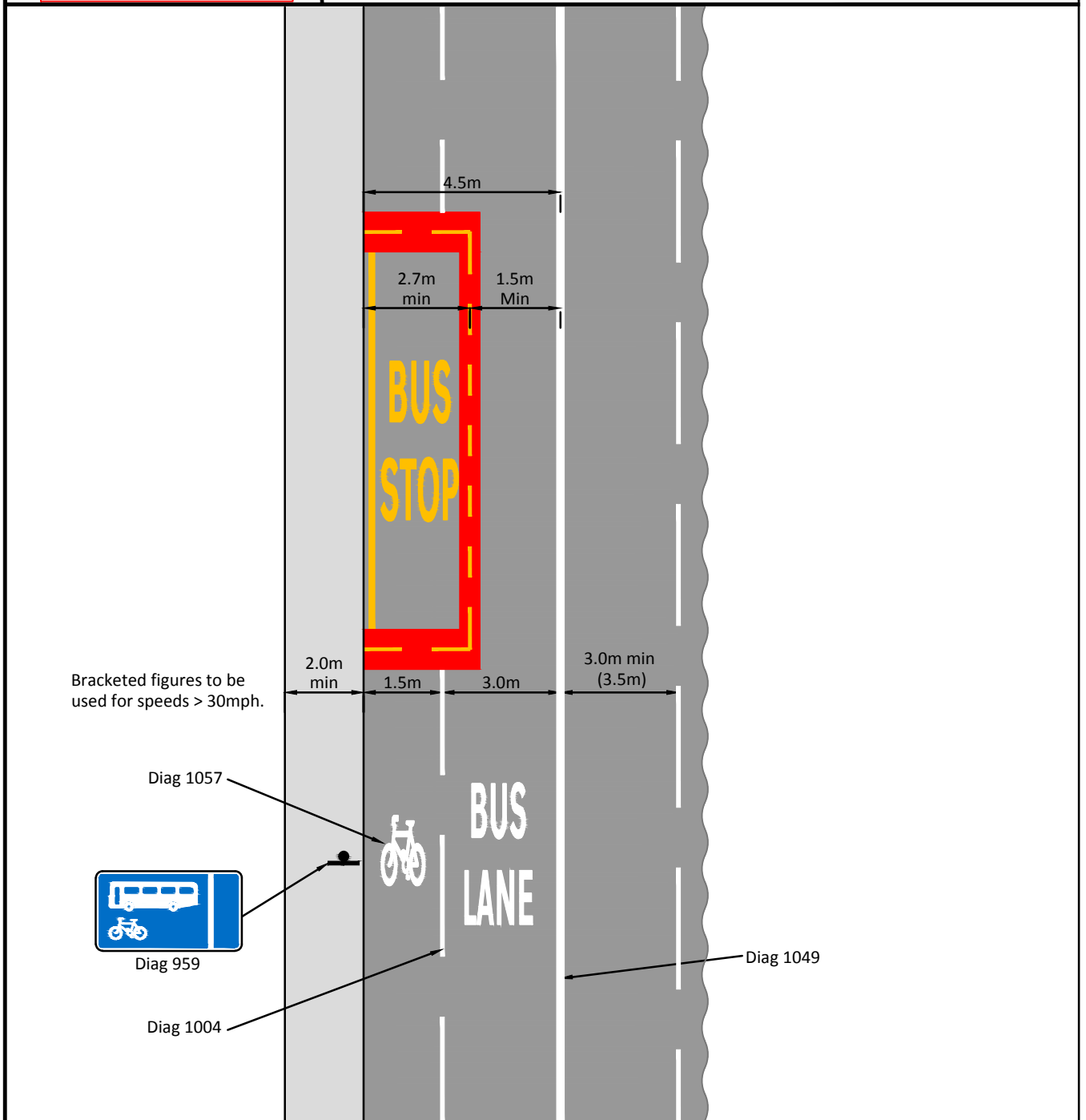
Drawing No:

L-CL-BS-02

Rev:

Lead Section:

LINKS


**Key Criteria:**

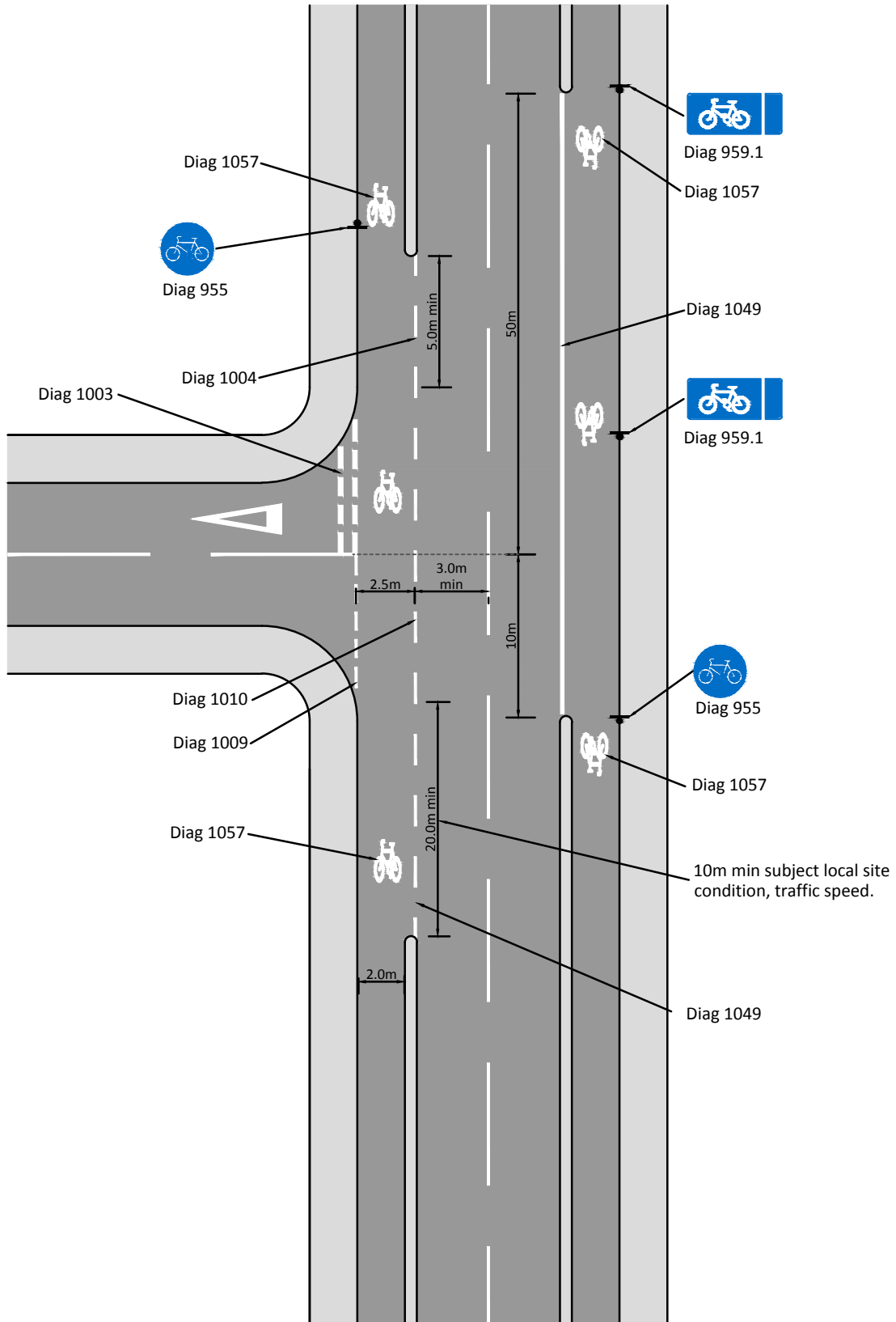
- For use on Bus Lanes of 4.5m width.
- See L-CL-BL-01.

**Typical Costs:**

Work Zone Length	75m
Lower Cost Estimate	£15,000
Upper Cost Estimate	£75,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

Drawing No:	L-CL-BS-03	Rev:
Lead Section:	LINKS	



Typical Costs:

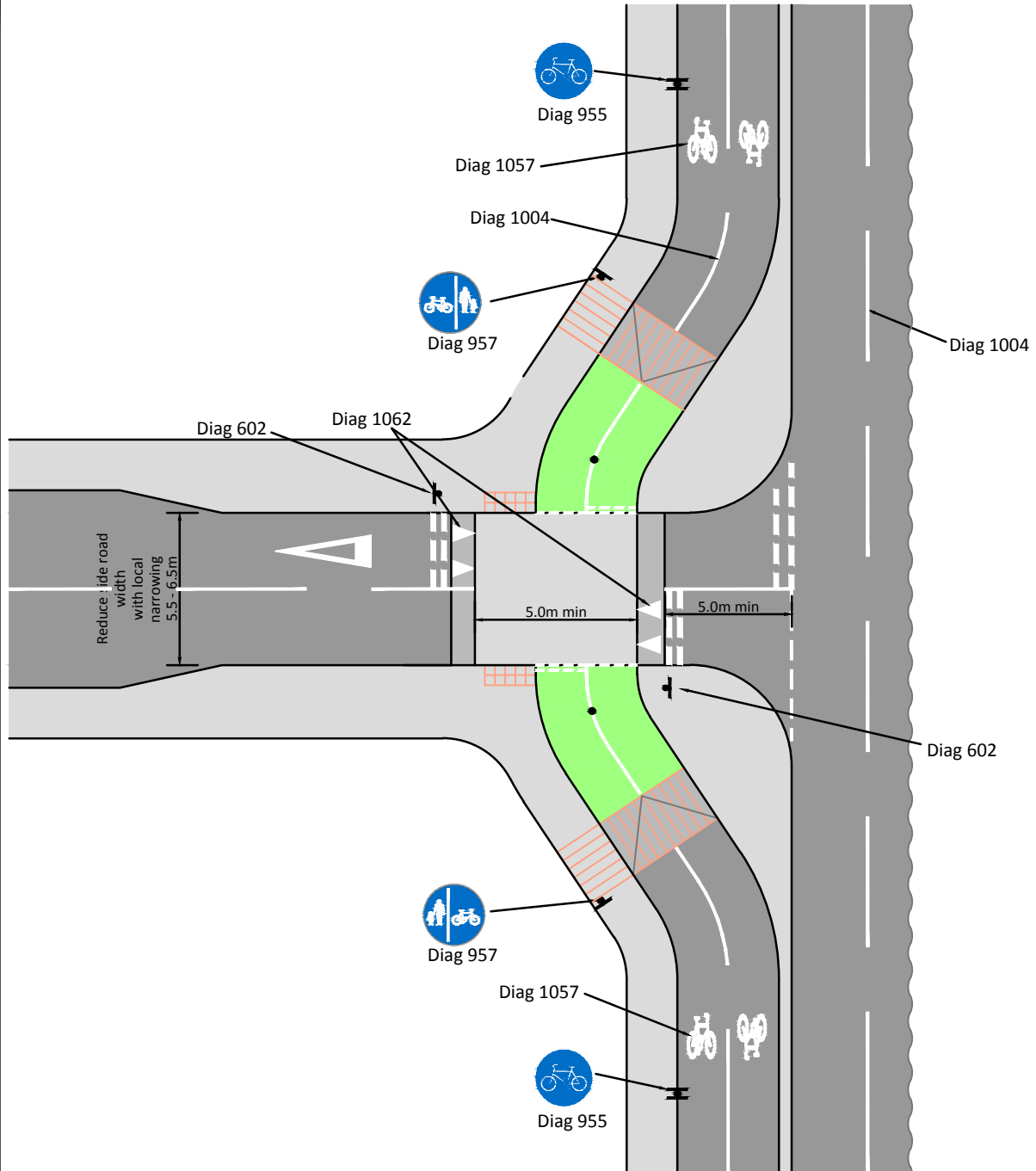
Work Zone Length	50m
Lower Cost Estimate	£20,000
Upper Cost Estimate	£80,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Notes:

- Cycle Track details shown on L-CT-GE-01.

Drawing No:	J-CT-GE-01	Rev:
Lead Section:	JUNCTIONS	



**Typical Costs:**

Work Zone Length	50m
Lower Cost Estimate	£30,000
Upper Cost Estimate	£80,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on one side of the carriageway.

**Notes:**

- Cycle Track details shown on L-CT-GE-02.
- To be used when there is a higher vehicular demand on the side road. (<50 Veh / Hr)

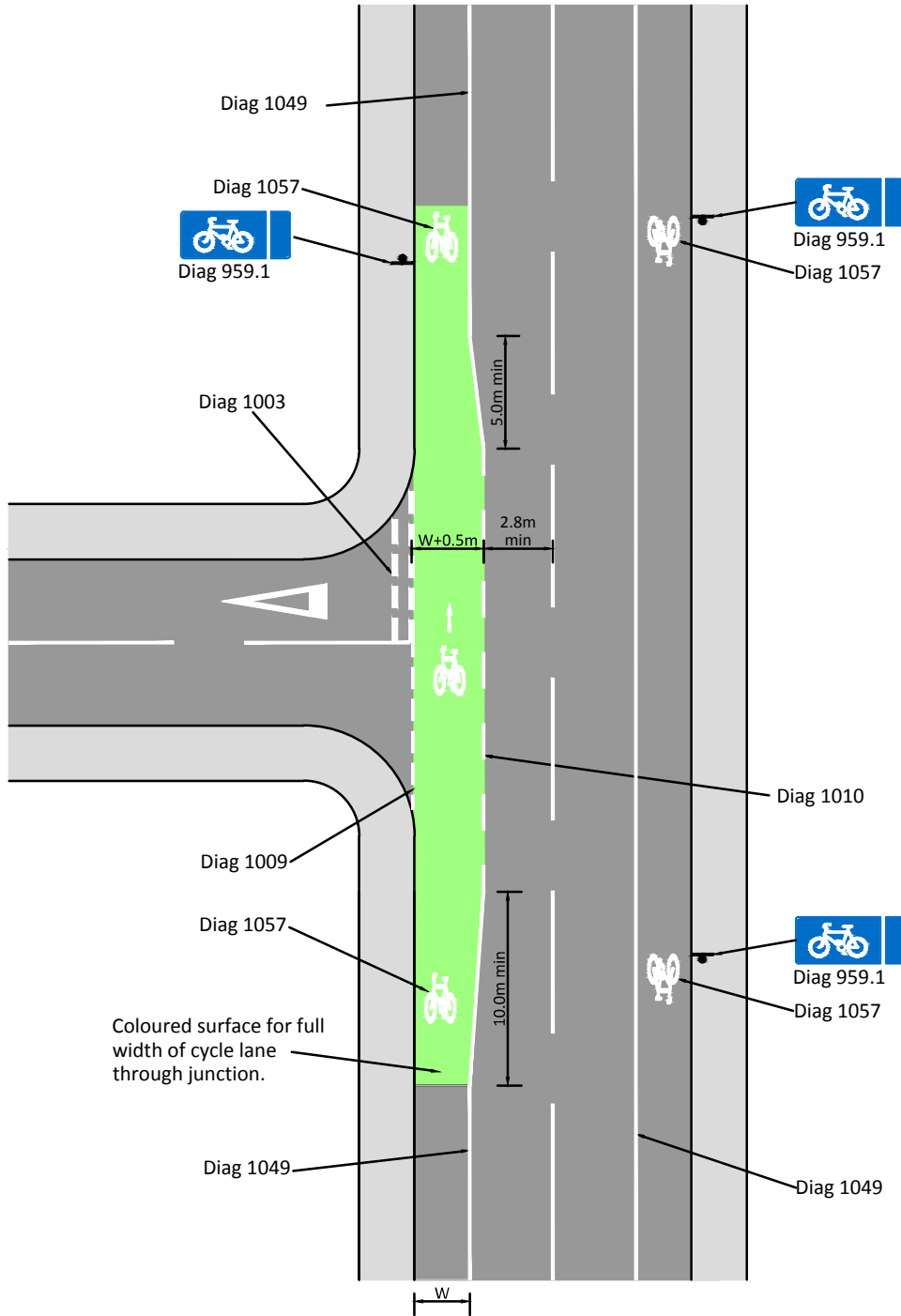
Drawing No:

J-CT-GE-05

Rev:

Lead Section:

**JUNCTIONS**


**Typical Costs:**

Work Zone Length	50m
Lower Cost Estimate	£10,000
Upper Cost Estimate	£50,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

**Notes:**

Cycle Lane details shown on L-CL-GE-02

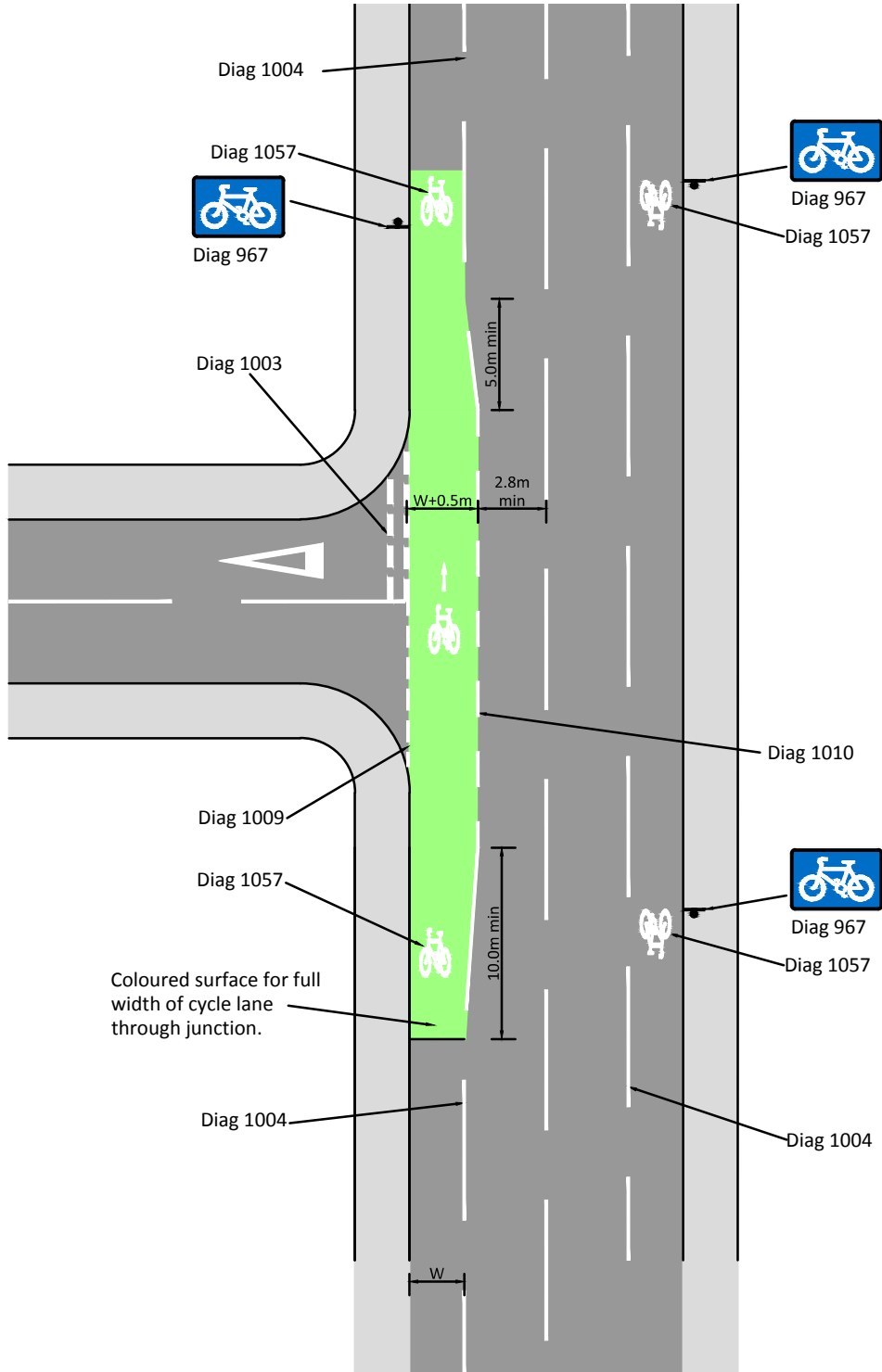
Drawing No:

**J-CL-GE-01**

Rev:

Lead Section:

**JUNCTIONS**



Typical Costs:

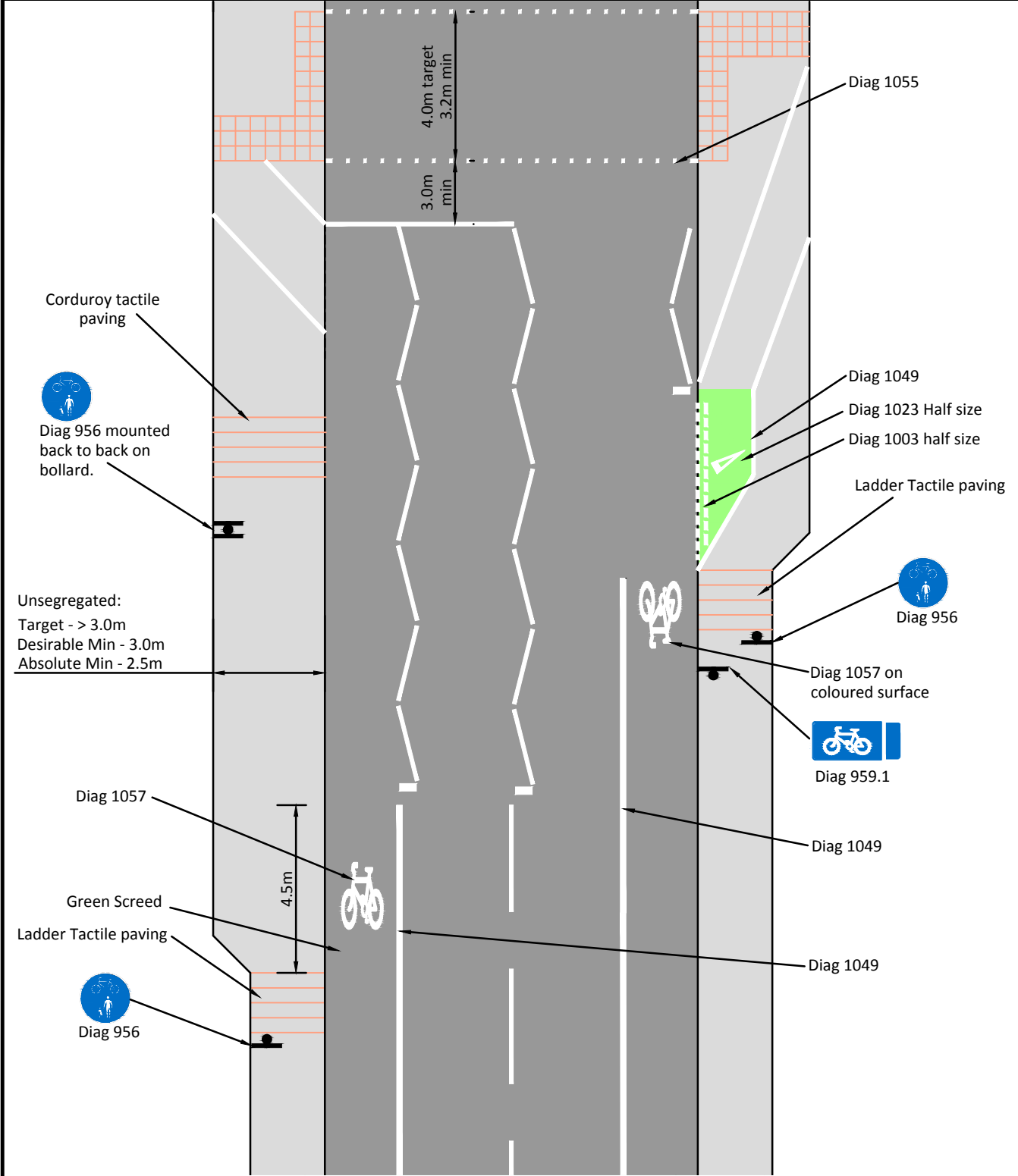
Work Zone Length	50m
Lower Cost Estimate	£10,000
Upper Cost Estimate	£50,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Notes:

Cycle Lane details shown on L-CL-GE-03

Drawing No:	J-CL-GE-02	Rev:
Lead Section:	JUNCTIONS	



Typical Costs:

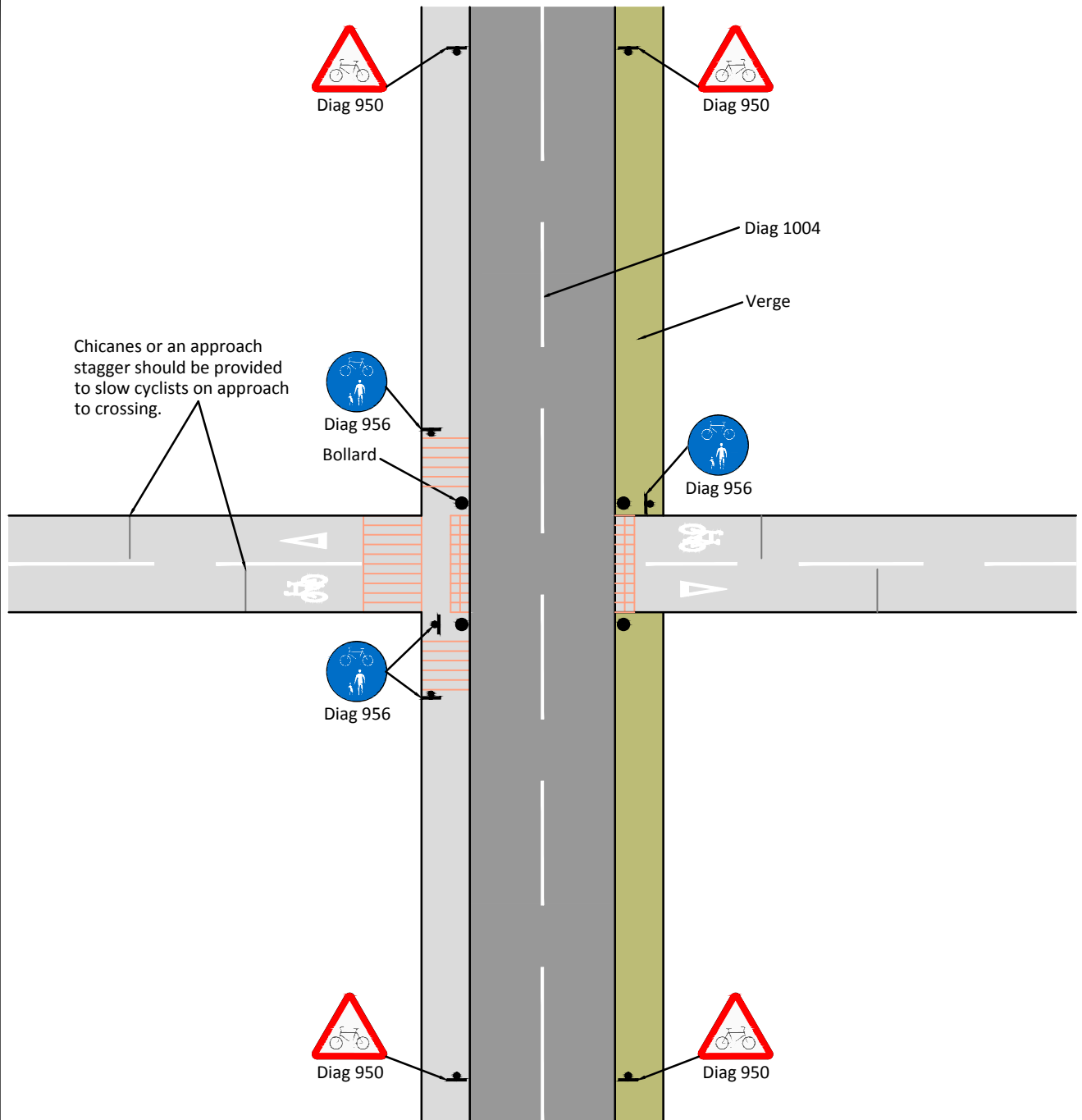
Work Zone Length	50m
Lower Cost Estimate	£60,000 / (£30,000)
Upper Cost Estimate	£120,000 / (£85,000)

- Cost estimates are indicative only and can vary significantly depending upon local site conditions. (Bracketed figures not including crossing facility)
- Lower cost value based on minimal engineering interventions
- Upper cost value based on maximum engineering interventions
- Cost estimate assume cycle facility provisions on both sides of the carriageway.

Notes:

- Applies to mandatory and advisory cycle lanes
- Cycle Lane details shown on L-CL-GE-02 (mandatory) and L-CL-GE-03 (advisory)

Drawing No:	C-CL-GE-01	Rev:
Lead Section:	CROSSINGS	


**Typical Costs:**

Work Zone Length	100m
Lower Cost Estimate	£6,000
Upper Cost Estimate	£8,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Cost estimate assume cycle facility provisions on both sides of the carriageway.
- Cost estimate excludes the construction of cycle track facilities.

**Notes:**

- Layout indicates options for urban areas (with footways) and rural areas (with verges).

Drawing No:

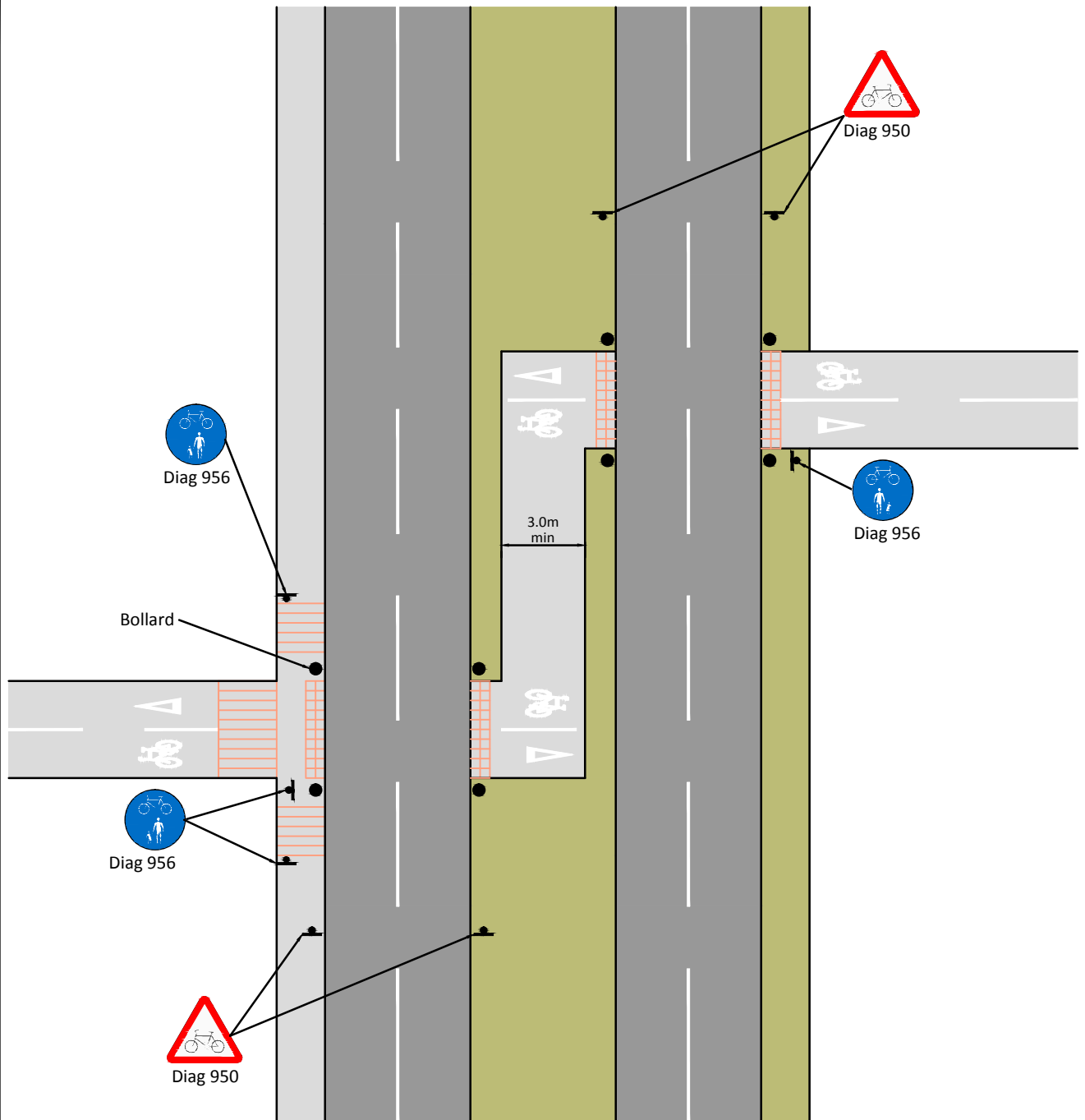
**C-CP-GE-01**

Rev:

Lead Section:

**CROSSINGS**




**Typical Costs:**

Work Zone Length	100m
Lower Cost Estimate	£6,000
Upper Cost Estimate	£8,000

- Cost estimates are indicative only and can vary significantly depending upon local site conditions.
- Cost estimate assume cycle facility provisions on both sides of the carriageway.
- Cost estimate excludes the construction of cycle track facilities.

**Notes:**

- Layout indicates options for urban areas (with footways) and rural areas (with verges).

Drawing No:

**C-CP-GE-02**

Rev:

Lead Section:

**CROSSINGS**